

Title (en)
PHOTOPOLYMERIZABLE COMPOSITIONS

Publication
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Application
EP 83109584 A 19830926

Priority
JP 16808882 A 19820927

Abstract (en)
[origin: JPS5956403A] PURPOSE:A photopolymerizable composition highly sensitive to a light source in the visible region, comprising an addition-polymerizable compound having an ethylenically unsaturated double bond and a combination of a specified photoinitiator system and a specified thiol compound. CONSTITUTION:In a photopolymerizable composition containing an addition- polymerizable compound having at least one ethylenically unsaturated double bond and a photoinitiator system, said photoinitiator system comprises (a) a p-dialkylaminostyrene derivative or p-dialkylaminophenylbutadiene derivative of formula I, wherein R<1> and R<2> are each alkyl, Y is -O-, -S-, or -CH=CH-, or may form a heteroaromatic ring B, together with the trivalent nitrogen atom, and ring A is a benzene ring or a naphthalene ring and is condensed with ring B, and n is 1 or 2, (b) hexaarylbiimidazole, and (c) a thiol compound represented by formula II, wherein Z is -O-, -S-, -NH-, or -C(O)NH-.

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C08F 2/50; **G03C 1/68**

IPC 8 full level
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CPC (source: EP US)
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